

Item 23

TITLE : PINNED FEEDER CLEANING ARRANGEMENT  
INVENTOR(S) : HINTON C M; ZIMMERMAN D R; SEMP B A  
ASSIGNEE : PHILIP MORRIS  
ABSTRACT : ARRANGEMENT OF BRUSHES AND SPRAYS DESIGNED TO CLEAN PIN FEEDERS AND TO REDUCE THE BACTERIAL LOAD ENCOUNTERED BY THE PRODUCT.  
PM NUMBER/DATE : D416

Item 24

TITLE : BULK TOBACCO HANDLING SYSTEM COMPRISED OF A ENCLOSED TRAILER WITH A BELT DRIVEN FLOOR AND A MODIFIED TOBACCO SILO  
INVENTOR(S) : MACHETT J M  
ASSIGNEE : PHILIP MORRIS  
ABSTRACT : THIS HANDLING SYSTEM WILL ELIMINATE THE USE OF CONTAINERS, HOGSHEADS, OR CASES FOR THE DIRECT SHIPMENT OF TOBACCO PRODUCTS BETWEEN LOCAL PROCESSING FACILITIES. IT IS COST EFFECTIVE AND ASSURES MINIMAL PRODUCT DEGRADATION.  
KEYWORDS : TRUCK; HANDLING; ENCLOSED; BELT; SILO  
PM NUMBER/DATE : D421

Item 25

TITLE : IMPROVED PNEUMATIC SEPARATOR  
INVENTOR(S) : ABEL M J; JONES D R; SIMS G M  
ASSIGNEE : PHILIP MORRIS  
ABSTRACT : IMPROVEMENTS TO A CARDWELL RPAL SEPARATOR. ELIMINATES NEED FOR PRE-SCREENING OF LARGE TOBACCO PADS UPSTREAM OF THE SEPARATOR; ELIMINATES DOWN TIME FROM CHOKE-UP OF THE SEPARATOR ROTARY WINOWER; REDUCES MAINTENANCE REQUIREMENTS; ELIMINATES THE NEED FOR A VIBRATING CONVEYOR TO FEED THE SEPARATOR WINOWER; IMPROVES SEPARATION EFFICIENCY.  
KEYWORDS : SEPARATE  
PM NUMBER/DATE : D419-1

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